

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 07/22/2009
Time Report Requested: 11:48:12
First Dose M/F: NA / 11/18/04
Lab: NCTR

C Number: C20310C

Lock Date: 12/01/2008

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include 912 Vehicle 9 mo F Include 913 AZT 40 9 mo F Include 914 AZT 80 9 mo F
Include 915 AZT 120 9 mo F

Study Gender: Female

TDMSE Version: 2.1.0

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ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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x .. Lesion present

I .. Insufficient tissue

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

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Lymph Node
Lumbar, Hyperplasia, Lymphoid

Thymus + + M + + + + + + + + + + + + + + A + + + + + + + + 2 + + 2

Hyperplasia, Lymphoid

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

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NERVOUS SYSTEM

RESPIRATORY SYSTEM

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SPECIAL SENSES SYSTEM

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Casts Protein																		1				
Cyst																						1
Infiltration Cellular, Lymphocyte	1	1						2			1					1		1	1	1	1	1
Mineralization																						1
<hr/>																						
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte																		1				

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DAY ON TEST	0 3 3 6	
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0 0 6	
Vehicle 9 mo F	3 2	* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	26
Gallbladder	+	25
Intestine Large, Cecum Hyperplasia, Lymphoid	+	25 2 2.5
Intestine Large, Colon	+	26
Intestine Large, Rectum	+	25
Intestine Small, Duodenum	+	26
Intestine Small, Ileum	+	25
Intestine Small, Jejunum	+	25
Liver Tension Lipidosis Vacuolization Cytoplasmic	+	26 3 1.0 6 1.2
Mesentery Hemorrhage		1 1 3.0

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DAY ON TEST	ANIMAL ID		
		0	3
0	C3B6F1-+/TRP53(TM1BRD) NCTR	0	
3	MICE FEMALE	0	
3	Vehicle 9 mo F	6	
6		3	
		2	
			* TOTALS
Pancreas	+		26
Salivary Glands Infiltration Cellular, Lymphocyte	+	2	26 15 1.2
Stomach, Forestomach	+		26
Stomach, Glandular	+		25

CARDIOVASCULAR SYSTEM

Blood Vessel	+	26
Heart Inflammation, Chronic Active	+	26 1 1.0

ENDOCRINE SYSTEM

Adrenal Cortex Subcapsular, Hyperplasia	+	26 25 1.0
Adrenal Medulla	+	25
Islets, Pancreatic	+	26
Parathyroid Gland	+	21

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Vehicle 9 mo F	3 2	* TOTALS

Pituitary Gland	+	26
Thyroid Gland Degeneration	+	25 1 1.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	25
Ovary	+	26
Uterus Infiltration Cellular, Polymorphonuclear Endometrium, Hyperplasia, Cystic Lumen, Dilatation	+	26 1 2.0 3 1.3 10 1.2
Vagina	+	25

HEMATOPOIETIC SYSTEM

Bone Marrow	+	26
-------------	---	----

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C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0 0 6 3	
Vehicle 9 mo F	2	* TOTALS

Lymph Node Lumbar, Hyperplasia, Lymphoid	1 1 2.0
Lymph Node, Mandibular	26
Lymph Node, Mesenteric Hyperplasia, Lymphoid	26 8 1.4
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	26 5 2.8 4 2.0
Thymus Hyperplasia, Lymphoid	24 3 2.0

INTEGUMENTARY SYSTEM

Mammary Gland	25
Skin	26

MUSCULOSKELETAL SYSTEM

Bone, Femur	26
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DAY ON TEST			
	0		
	3		
	3		
	6		
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0		
MICE FEMALE	0		
	6		
	3		
Vehicle 9 mo F	2		
			* TOTALS
Skeletal Muscle	+		26
Atrophy			2 2.0
Cyst			1 4.0

NERVOUS SYSTEM

Brain, Brain Stem	+	26
Brain, Cerebellum	+	26
Brain, Cerebrum	+	26
Peripheral Nerve		2
Axon, Degeneration		2.5
Spinal Cord		1
Axon, Degeneration		2.0

RESPIRATORY SYSTEM

Lung	+	26
Nose	+	26
Trachea	+	26

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C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	ANIMAL ID	0 0 6 3 2	
Vehicle 9 mo F			* TOTALS

SPECIAL SENSES SYSTEM

Eye Cataract	+	25	1 1.0
Harderian Gland	+	26	

URINARY SYSTEM

Kidney Casts Protein Cyst Infiltration Cellular, Lymphocyte Mineralization	+	26	1 1.0 1 1.0 9 1.1 1 1.0
Urinary Bladder Infiltration Cellular, Lymphocyte	+	26	1 1.0

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CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

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 Insufficient tissue

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1-4 .. Lesion qualified as:

1-4: Less qualified as:

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2) Mild 4) Marked

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GENERAL BODY SYSTEM

Tissue NOS +

GENITAL SYSTEM

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HEMATOPOIETIC SYSTEM

INTEGUMENTARY SYSTEM

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MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

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	3	3	
	3	2	
	5	6	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
ANIMAL ID	5	6	
AZT 40 9 mo F	5	7	
	0	3	* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	27	
Adventitia, Necrosis				1 2.0
Gallbladder	+	+	26	
Intestine Large, Cecum	+	+	27	
Hyperplasia, Lymphoid				2 2.0
Intestine Large, Colon	+	+	26	
Intestine Large, Rectum	+	+	27	
Hyperplasia, Lymphoid				1 2.0
Intestine Small, Duodenum	+	+	27	
Intestine Small, Ileum	+	+	27	
Intestine Small, Jejunum	+	+	27	
Liver	+	+	27	
Inflammation, Chronic Active				2 1.0
Tension Lipidosis				5 1.6
Vacuolization Cytoplasmic				4 1.0
	2			

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MICE FEMALE		3	2	
AZT 40 9 mo F		5	6	
	ANIMAL ID	0	0	
		0	0	
		5	6	
		5	7	
		0	3	* TOTALS

Pancreas	+	+	27
Salivary Glands	+	+	27
Infiltration Cellular, Lymphocyte		1	14 1.1
Stomach, Forestomach	+	+	27
Stomach, Glandular	+	+	27

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	27
Heart	+	+	27
Bacterium			1
Pericardium, Necrosis			1 2.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	27
Subcapsular, Hyperplasia	1	1	25 1.2
Adrenal Medulla	+	+	27
Islets, Pancreatic	+	+	27

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		0	3	
0	0			
3	3			
3	2			
5	6			
.....
C3B6F1-+/TRP53(TM1BRD) NCTR	MICE FEMALE	0	0	
AZT 40 9 mo F	ANIMAL ID	0	0	
Parathyroid Gland		+	+	22
Cyst				1 1.0
Pituitary Gland		+	+	27
Thyroid Gland		+	+	27
Cyst				1 1.0
Degeneration				2 1.0
Ectopic Thymus				2
GENERAL BODY SYSTEM				
Tissue NOS				1
GENITAL SYSTEM				
Clitoral Gland		+	+	26
Ovary		+	+	27
Cyst			1	1 1.0
Uterus		+	+	27
Infiltration Cellular, Polymorphonuclear				3 2.3
Endometrium, Hyperplasia, Cystic				4 2.0
Lumen, Dilatation			1	12 1.3
Vagina		+	+	27

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	0	3	* TOTALS

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	26
Lymph Node			1
Lymph Node, Mandibular	+	+	27
Lymph Node, Mesenteric	+	+	26
Hyperplasia, Lymphoid			6 1.8
Spleen	+	+	26
Hematopoietic Cell Proliferation			4 2.0
Hyperplasia, Lymphoid			5 2.2
Thymus	+	+	26
Bacterium			1
Foreign Body			1
Hyperplasia, Lymphoid			2 2.0
Necrosis			1 4.0

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	26
Alveolus, Hyperplasia			1 2.0

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 07/22/2009
Time Report Requested: 11:48:12
First Dose M/F: NA / 11/18/04
Lab: NCTR

DAY ON TEST	0	0	
	3	3	
	3	2	
	5	6	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
ANIMAL ID	5	6	
AZT 40 9 mo F	5	7	
	0	3	
			* TOTALS
Skin	+	+	27

MUSCULOSKELETAL SYSTEM

Bone		1
Bone, Femur	+	+
Skeletal Muscle	+	+

NERVOUS SYSTEM

Brain, Brain Stem	+	+	27
Gliosis		3	1 3.0
Brain, Cerebellum	+	+	27
Brain, Cerebrum	+	+	27
Infiltration Cellular, Lymphocyte			1 1.0
Mineralization			1 1.0

RESPIRATORY SYSTEM

Lung	+	+	27
Bacterium			1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 07/22/2009
Time Report Requested: 11:48:12
First Dose M/F: NA / 11/18/04
Lab: NCTR

DAY ON TEST	0	0	
	3	3	
	3	2	
	5	6	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
ANIMAL ID	5	6	
AZT 40 9 mo F	5	7	
	0	3	* TOTALS
Mediastinum, Foreign Body			1
Mediastinum, Necrosis			1 3.0
.....			
Nose	+	+	27
.....			
Trachea	+	+	27
.....			
SPECIAL SENSES SYSTEM			
Eye	+	+	25
.....			
Harderian Gland	+	+	27
.....			
URINARY SYSTEM			
Kidney	+	+	27
Casts Protein			1 1.0
Infiltration Cellular, Lymphocyte			6 1.2
Metaplasia, Osseous			1 1.0
.....			
Urinary Bladder	+	+	27
Infiltration Cellular, Lymphocyte		1	4 1.0
.....			

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:48:12

First Dose M/F: NA / 11/18/04

Lab: NCTR

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

.. Essien present
 .. Insufficient tissue

M.. Missing tissue

A.. Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 .. Lesion qualified as:

.. Eczema qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-

Date Report Requested: 07/22/2009

Time Report Requested: 11:48:12

First Dose M/F: NA / 11/18/04

Lab: NCTR

Mesentery
Fat, Necrosis +
3

Stomach, Glandular + A A +

CARDIOVASCULAR SYSTEM

Heart Congestion Inflammation, Chronic Active

ENDOCRINE SYSTEM

* Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade.

+ Tissue examined microscopically

- + .. Tissue examined
- x Lesion present

x .. Lesion present
| Insufficient tissue

seventy grade
M Missing tissue

M .. Missing tissue
A Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 Lesion qualified a

- .. Lesion qualified as:

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:48:12

First Dose M/F: NA / 11/18/04

Lab: NCTR

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

* Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade.

+ ... Tissue examined microscopically

x ... Lesion present

X .. Essien present
I .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

1-4 Lesion qualified as:

1) Minimal 3) Moderate

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: Gavage

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:48:12

First Dose M/F: NA / 11/18/04

Lab: NCTR

HEMATOPOIETIC SYSTEM

Bone Marrow Myeloid Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	2	2	3	+	+	A	+	+	
Lymph Node																									A		
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	3	1	1	1	1	1	A	+	
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	2	2	3	1	+	+	+	+	
Thymus Hyperplasia, Lymphoid	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	2	2	+	+	A	A	+		

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M., Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:48:12

First Dose M/F: NA / 11/18/04

Lab: NCTR

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

A - Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: Gavage

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-

Date Report Requested: 07/22/2009

Time Report Requested: 11:48:12

First Dose M/F: NA / 11/18/04

Lab: NCTR

SPECIAL SENSES SYSTEM

URINARY SYSTEM

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I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3'-Azido-3'-deoxythymidine (AIDS)
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009
 Time Report Requested: 11:48:12
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

	DAY ON TEST	0 0	
		3 3	
		3 1	
		5 2	
.....
C3B6F1-+/TRP53(TM1BRD) NCTR		0 0	
MICE FEMALE		0 0	
AZT 80 9 mo F	ANIMAL ID	5 6	
		3 0	
		3 9	
			* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	27
Gallbladder	+	+	27
Intestine Large, Cecum	+	+	25
Hyperplasia, Lymphoid			3 2.0
Epithelium, Hyperplasia			1 2.0
Intestine Large, Colon	+	+	27
Intestine Large, Rectum	+	+	27
Hyperplasia, Lymphoid			1 3.0
Intestine Small, Duodenum	+	+	25
Intestine Small, Ileum	+	+	25
Intestine Small, Jejunum	+	+	25
Liver	+	+	27
Hematopoietic Cell Proliferation		1	1 1.0
Inflammation, Chronic Active			1 1.0
Necrosis			1 1.0
Tension Lipidosis			7 1.1
Vacuolization Cytoplasmic	2		3 1.3

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l .. Insufficient tissue

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2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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CAS Number: 30516-87-1

Date Report Requested: 07/22/2009
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First Dose M/F: NA / 11/18/04
Lab: NCTR

DAY ON TEST	0	0	
	3	3	
	3	1	
	5	2	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
ANIMAL ID	5	6	
AZT 80 9 mo F	3	0	
	3	9	
			* TOTALS

Mesentery		1	
Fat, Necrosis		1	3.0
.....			
Pancreas	+	+	27
Infiltration Cellular, Lymphocyte			1 1.0
Acinar Cell, Degeneration			1 1.0
.....			
Salivary Glands	+	M	26
Infiltration Cellular, Lymphocyte	2		10 1.3
.....			
Stomach, Forestomach	+	+	27
.....			
Stomach, Glandular	+	+	25

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	27
.....			
Heart	+	+	27
Congestion			2 2.5
Inflammation, Chronic Active			1 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	27
.....			

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+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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Lab: NCTR

DAY ON TEST	0	0	* TOTALS
	3	3	
	3	1	
	5	2	
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	
	0	0	
	5	6	
AZT 80 9 mo F	3	0	
	3	9	
Subcapsular, Hyperplasia	1	1	27 1.2
Adrenal Medulla	+	+	27
Islets, Pancreatic	+	+	27
Parathyroid Gland	+	+	22
Pituitary Gland	+	+	27
Thyroid Gland	+	+	27

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	26
Ovary	+	+	27
Cyst			1 2.0
Bilateral, Cyst			1 2.0
Uterus	+	+	27
Infiltration Cellular, Polymorphonuclear			3 2.0
Endometrium, Hyperplasia, Cystic			5 2.0

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+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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CAS Number: 30516-87-1

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First Dose M/F: NA / 11/18/04
Lab: NCTR

DAY ON TEST	0	0	
	3	3	
	3	1	
	5	2	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
ANIMAL ID	5	6	
AZT 80 9 mo F	3	0	
	3	9	
			* TOTALS
Lumen, Dilatation			14 1.6
Vagina	+	+	27

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+		26	
Myeloid Cell, Hyperplasia					4 2.5
Lymph Node					0
Lymph Node, Mandibular	+	M		25	
Hyperplasia, Lymphoid					2 2.5
Lymph Node, Mesenteric	+	+		26	
Hyperplasia, Lymphoid					6 1.3
Spleen	+	+		27	
Hematopoietic Cell Proliferation		4			5 3.0
Hyperplasia, Lymphoid					7 2.4
Thymus	+	M		23	
Hyperplasia, Lymphoid					3 2.0

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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Lab: NCTR

DAY ON TEST	0	0	
	3	3	
	3	1	
	5	2	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
ANIMAL ID	5	6	
AZT 80 9 mo F	3	0	
	3	9	
			* TOTALS

Mammary Gland

+ + 27

Skin

+ + 27

MUSCULOSKELETAL SYSTEM

Bone, Femur

+ + 27

Skeletal Muscle

+ + 27

NERVOUS SYSTEM

Brain, Brain Stem

+ + 27

Brain, Cerebellum

+ + 27

Brain, Cerebrum
Mineralization

+ + 27 4 1.0

RESPIRATORY SYSTEM

Lung

+ + 26

Nose

+ + 27

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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CAS Number: 30516-87-1

Date Report Requested: 07/22/2009
Time Report Requested: 11:48:12
First Dose M/F: NA / 11/18/04
Lab: NCTR

DAY ON TEST	0	0	
	3	3	
	3	1	
	5	2	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
	5	6	
ANIMAL ID	3	0	
AZT 80 9 mo F	3	9	
			* TOTALS
Trachea	+	+	26

SPECIAL SENSES SYSTEM

Eye	+	+	26
Harderian Gland	+	+	27

URINARY SYSTEM

Kidney	+	+	27
Casts Protein		1	3 1.0
Hydronephrosis			1 4.0
Infiltration Cellular, Lymphocyte	1		5 1.0
Inflammation, Suppurative			1 4.0
Nephropathy			1 4.0
.....			
Ureter			1
Inflammation, Suppurative			1 3.0
Lumen, Dilatation			1 2.0
.....			
Urinary Bladder	+	+	27
Infiltration Cellular, Lymphocyte			2 1.0

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:48:12

First Dose M/F: NA / 11/18/04

Lab: NCTR

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

A - Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

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Time Report Requested: 11:48:12

First Dose M/F: NA / 11/18/04

Lab: NCTR

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

Adrenal Cortex
Subcapsular, Hyperplasia + + + + + + + + + + + + + + + + A + + + 1 2 2 1 1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M.. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: Gavage

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:48:12

First Dose M/F: NA / 11/18/04

Lab: NCTR

HEMATOPOIETIC SYSTEM

Bone Marrow Myeloid Cell, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	2
Lymph Node Lumbar, Hyperplasia, Lymphoid																	+	+							2
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	4	+	+	+	+	2	2	1
Thymus Hyperplasia, Lymphoid Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	+	+	+	+	+	+	3

* ... Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M., Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:48:12

First Dose M/F: NA / 11/18/04

Lab: NCTR

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:48:12

First Dose M/F: NA / 11/18/04

Lab: NCTR

Urinary Bladder Infiltration Cellular, Lymphocyte

females (cont...)

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x ... Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

1-4 .. Lesion qualified as

1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AIDS)
CAS Number: 30516-87-1

Date Report Requested: 07/22/2009
Time Report Requested: 11:48:12
First Dose M/F: NA / 11/18/04
Lab: NCTR

DAY ON TEST	0	0	
	3	2	
	3	9	
	2	2	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
ANIMAL ID	5	6	
AZT 120 9 mo F	5	7	
	5	4	* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	27
Gallbladder	+	A	25
Intestine Large, Cecum Hyperplasia, Lymphoid	+	A	24
			2 2.0
Intestine Large, Colon	+	A	25
Intestine Large, Rectum	+	A	25
Intestine Small, Duodenum	+	A	25
Intestine Small, Ileum	+	A	25
Intestine Small, Jejunum	+	A	25
Liver	+	+	27
Basophilic Focus			1 2.0
Infiltration Cellular, Lymphocyte			1 1.0
Tension Lipidosis	1		4 1.0
Vacuolization Cytoplasmic			10 1.0
Mesentery			1

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	5	4	
			* TOTALS
Hemorrhage			1 3.0
Fat, Necrosis			1 4.0
.....			
Pancreas	+	A	26
Cytoplasmic Alteration	1		1 1.0
Infiltration Cellular, Lymphocyte			3 1.0
Acinar Cell, Degeneration			1 2.0
.....			
Salivary Glands	+	+	27
Infiltration Cellular, Lymphocyte	1		10 1.0
.....			
Stomach, Forestomach	+	+	27
.....			
Stomach, Glandular	+	A	25

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	27
Heart	+	A	26
Inflammation, Chronic Active			1 4.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	26
Subcapsular, Hyperplasia	1	2	24 1.2

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ANIMAL ID	5	7	
AZT 120 9 mo F	5	4	
			* TOTALS
Adrenal Medulla	+	+	26
Islets, Pancreatic	+	+	27
Parathyroid Gland	+	+	22
Pituitary Gland	+	+	27
Thyroid Gland Ectopic Thymus	+	+	26
			1

GENERAL BODY SYSTEM

Tissue NOS	1
Mediastinum, Abscess	1 4.0
Mediastinum, Foreign Body	1

GENITAL SYSTEM

Clitoral Gland Degeneration	+	+	27
			1 3.0
Ovary Cyst Pigmentation	+	+	26
			1 2.0 1 2.0

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Uterus		+	+	27
Edema				1 3.0
Infiltration Cellular, Polymorphonuclear				3 2.0
Endometrium, Hyperplasia, Cystic	1			5 1.6
Lumen, Dilatation				8 1.3
Vagina		+	A	24

HEMATOPOIETIC SYSTEM

Bone Marrow Myeloid Cell, Hyperplasia	+	+	26	1	2.0
Lymph Node Lumbar, Hyperplasia, Lymphoid		+		3	1 2.0
Lymph Node, Mandibular	+	A			26
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+	+		27	6 1.7
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+		27	8 3.0 6 1.8
Thymus Hyperplasia, Lymphoid Inflammation, Chronic Active	+	+		27	2 2.0 1 3.0

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INTEGUMENTARY SYSTEM

Mammary Gland	+	+	27
Skin	+	+	27

MUSCULOSKELETAL SYSTEM

Bone		1
Bone, Femur	+	+
Skeletal Muscle	+	+

NERVOUS SYSTEM

Brain, Brain Stem	+	+	27
Brain, Cerebellum	+	+	27
Brain, Cerebrum	+	+	27
Compression			1 2.0
Mineralization			2 1.0

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RESPIRATORY SYSTEM

Lung	+ +	27
Abscess	4	1 4.0
Foreign Body		1
Inflammation, Chronic Active		1 3.0
Necrosis		1 2.0
<hr/>		
Nose	+ +	27
<hr/>		
Trachea	+ +	27

SPECIAL SENSES SYSTEM

Eye	+ A	24
Harderian Gland	+ A	25

URINARY SYSTEM

Kidney	+ +	27
Casts Protein		2 1.0
Cyst		1 1.0
Glomerulosclerosis	3	1 3.0
Infiltration Cellular, Lymphocyte		4 1.0
Nephropathy	3	1 3.0

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	5	4
		* TOTALS
Urinary Bladder	+ +	26
Infiltration Cellular, Lymphocyte		1 1.0

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